

Mailer 2 - Student Registration and Symposium Information



2024 ASCE Metropolitan Student Symposium Stony Brook University April 12, 2024 – April 14, 2024

January 15, 2024

Dear ASCE Student Chapter of the Metropolitan Student Conference:

This is your **2024 ASCE Metropolitan Student Symposium Mailer II**, the second of three packets to be sent to each of the participating ASCE Student Chapters in our Student Conference. In addition, you can find information on the schedule, competitions, hotel bookings, registration, and location addresses on our student symposium website: <https://studentsymposium.asce.org/metropolitan/>.

Please carefully read through this packet and forward copies to the appropriate members in your Student Chapter (team captains, individual team members, etc.). Do not delete this mailer as information given within may not be repeated in subsequent mailers. Enclosed you will find the following information:

- [Receipt confirmation](#),
- [Individual registration information](#),
- [Upcoming deadlines](#),
- [Tentative student symposium schedule](#),
- [Tentative presentation schedules](#),
- [Competition resource table and link to rules](#),
- [3D Printing Competition – recently added](#),
- [ASCE competition eligibility requirements](#),
- [Student Symposium Paper Competition information](#),
- [Business Meeting information](#),
- [ASCE Pop-up Leadership Workshops information](#), and
- [Hotel information](#).

Receipt of this mailer should be confirmed by **January 30, 2024**. Please note the individual registration deadline is **February 15, 2024**.

If you have any questions, feel free to contact us at the e-mail address: sbucivilsociety+symposium@gmail.com.

We look forward to your participation in the [2024 ASCE Metropolitan Student Symposium](#) and providing an opportunity to engage with other student chapters and ASCE Region Leadership.

Sincerely,

Tarunika Purushothaman
President, ASCE Student Chapter
Stony Brook University

Isabella Lee
Chair, 2024 Metropolitan Student Symposium

Mailer 2 - Student Registration and Symposium Information



STEP 1 - Mailer 2 Receipt Confirmation - *required*

Please fill out the following Google Form by **January 30, 2024**, to provide receipt confirmation of this mailer:

GOOGLE FORM

<https://forms.gle/srsDVyjkCz5w7g9aA>

STEP 2 - Individual Registration Form - *required*

Individual Registration Form is due before **February 15th, 2024**.

Please visit our symposium website at <https://studentsymposium.asce.org/metropolitan/individual-registration/> to individually register for the 2024 ASCE Metropolitan Student Symposium.

The Individual Registration Form must be filled out by ALL individuals attending the symposium including chapter members, team competitors, chapter spectators, guest teams, faculty advisors, volunteers, judges, and ASCE Region Leadership. The Individual Registration Form contains liability waiver information that must be reviewed and acknowledged by every individual attending, participating, and/or spectating at the symposium.

Mailer 2 - Student Registration and Symposium Information



STEP 3 - Individual Registration Payment - *required*

Individual Registration is \$75 per person. Registration form and payment are due by **February 15th, 2024** either by **check** or via **Zelle**. Both payment options are provided below.

Late Individual Registration is \$85 per person and is due by **March 8th, 2024**.

Check

Make check payable to:

Pay to the order of: ASCE Metropolitan Section
Memo: <Your School> Individual Registration

Please mail your checks to:

American Society of Civil Engineers SBU
1442 Townline Rd
Nesconset NY, 11767

Zelle

Zelle Acc: sbucivilvideos@gmail.com

Send Money with Zelle®

AMERICAN SOCIETY OF CIVIL ENGINEERS-METR



Zelle

If your chapter is not participating in the 2024 ASCE Metropolitan Student Symposium, please email sbucivilsociety+symposium@gmail.com.

Mailer 2 - Student Registration and Symposium Information



Upcoming Deadlines

ASAP	Intent Forms are still being accepted for the following Society competitions: <i>Concrete Canoe (with deductions), Steel Bridge, Surveying, Construction Institute, and 3D Printing.</i>
January 8th, 2024	Surveying Competition Task 1A Mapping Project released to teams by 5:00pm EST in the ASCE UESI Surveying Competition Collaborate Site
January 15th	Mailer II sent to each student chapter
January 30th	Mailer II Receipt Confirmation due from each student chapter
February 1st	ASCE Student Chapter annual dues must be paid, as received by ASCE, no later than 11:59 p.m. EST. <i>Paying ASCE Student Chapter annual dues is an eligibility requirement to compete at the Student Symposia Competitions and to advance to Society-wide Competition Finals. See the eligibility requirements for details.</i>
February 1st	ASCE Student Chapter Annual Reports are due by 11:59 pm EST to ASCE. (More information on Annual Reports can be found here . If you have questions on your Annual Report, email student@asce.org). <i>Submitting the ASCE Student Chapter Annual Report is an eligibility requirement to compete at the Student Symposia Competitions and to advance to Society-wide Competition Finals. See the eligibility requirements for details.</i>
February 1st	ASCE Construction Institute Student Symposium Competition Team Form is due. Links to the form will be sent from ASCE to team captains and faculty advisors per information provided on intent forms.
February 15th	Attendee Registration payment due (postmark date if mailing)
February 16th	Concrete Canoe Project Proposal, Mix Design Sheets, and Materials Notebook due (Upload to respective folder link provided by ASCE)
February 26th	Surveying Competition Task 1A Projects due by 5:00 pm EST (Unique and secure link to be provided to each team from ASCE)
February 28th	Student Symposium Paper Competition Submission due by email to sbucivilsociety+symposium@gmail.com (Subject Line: 2024 ASCE Metropolitan Student Symposium Paper Submission)

Mailer 2 - Student Registration and Symposium Information



Upcoming Deadlines *continued*

March 1st	Mailer III (final) sent to each student chapter
<i>March 8th</i>	Final Date for Late Registrations
March 15th	Mailer III Receipt Confirmation due from each student chapter
<i>April 12th - April 14th</i>	2024 ASCE Metropolitan Student Symposium

If your student chapter plans to compete in the Student Steel Bridge Competition, please complete the [Student Steel Bridge Competition – ASCE Student Chapter Participation Form](#) as soon as possible if you haven't already done so. Completing this form is necessary in order to receive your SSBC team stipend.

Mailer 2 - Student Registration and Symposium Information



Tentative Student Symposium Schedule

Date	Start	End	Event	Location
Friday, April 12, 2024	10:00 AM	4:00 PM	Registration	SAC Lobby 4
	12:00 PM	12:30 PM	Captains Meeting	SAC AUD
	12:00 PM	1:00 PM	Lunch	SAC Lobby 4
	1:00 PM	4:00 PM	Paper Presentations	SAC AUD
	2:00 PM	6:00 PM	CI Competition	Melville Library N4006 <i>*Subject to change*</i>
	4:00 PM	5:00 PM	Pop-Up Workshop #1	SAC Ballroom B
	6:00 PM	8:00 PM	Dinner	SAC Ballroom B
	6:00 PM	8:00 PM	Trivia Competition + Survey Poster Session	SAC Ballroom B
Saturday, April 13, 2024	7:00 AM	10:00 AM	Registration	SAC WHY Lobby
	7:00 AM	10:00 AM	Breakfast	SAC WHY Lobby and SAC 303
	8:00 AM	9:00 AM	SB Captains Meeting	SAC Ballroom B
	9:00 AM	10:30 AM	Business Meeting	SAC 304
	9:30 AM	10:00 AM	Survey Captains Meeting	SAC 306
	10:00 AM	12:00 PM	Concrete Canoe Presentations (GROUP 1)	SAC 302
	10:00 AM	12:00 PM	Steel Bridge Competition (GROUP 2)	SAC Ballroom B
	12:00 PM	1:00 PM	Lunch	SAC 303 and SAC 304
	1:00 PM	3:00 PM	Concrete Canoe Presentations (GROUP 2+ remaining schools)	SAC 302
	1:00 PM	4:00 PM	3D Printing Competition	SAC 306
	1:00 PM	7:00 PM	Steel Bridge Competition (GROUP 1+ remaining schools)	SAC Ballroom B
	1:00 PM	7:00 PM	Survey Competition	Outside
	3:00 PM	4:00 PM	Pop-Up Workshop #2	SAC 304
	4:00 PM	6:00 PM	Networking Event	SAC 302 and SAC 304
	7:00 PM	9:00 PM	Banquet Dinner	SAC Ballroom B
7:00 PM	9:00 PM	Awards Distribution: Paper, SB, Survey, CI	SAC Ballroom B	

Mailer 2 - Student Registration and Symposium Information



Sunday, April 14, 2024	7:00 AM	9:00 AM	Breakfast	Lake Ronkonkoma
	7:00 AM	8:00 AM	CC Canoe Set Up	Lake Ronkonkoma
	8:00 AM	8:30 AM	CC Captains Meeting	Lake Ronkonkoma
	8:30 AM	9:00 AM	CC Aesthetics Judging	Lake Ronkonkoma
	9:00 AM	9:30 AM	CC Swamp Testing	Lake Ronkonkoma
	9:30 AM	10:00 AM	CC Aesthetics Judging	Lake Ronkonkoma
	10:00 AM	12:00 PM	CC Racing	Lake Ronkonkoma
	12:00 PM	1:00 PM	Pop-Up Workshop #3	Lake Ronkonkoma
	12:00 PM	1:00 PM	Lunch	Lake Ronkonkoma
	1:00 PM	6:00 PM	CC Racing	Lake Ronkonkoma
	6:00 PM	6:30 PM	Awards Distribution: CC	Lake Ronkonkoma

Mailer 2 - Student Registration and Symposium Information



Tentative Presentation Schedules

Concrete Canoe Presentations	Student Symposium Paper Presentations	Surveying Presentations
Saturday April 13th, 2024	Friday April 12th, 2024	Saturday April 13th, 2024

Concrete Canoe Presentations	Time Slots	Paper Competition Presentations	Time Slots	Surveying Presentations	Time Slots
New York University Tandon	10:00 - 10:15 AM	New Jersey Institute of Technology	1:00 - 1:12 PM	Stony Brook University	10:00 - 10:10 AM
City College of New York, CUNY	10:15 - 10:30 AM	Rowan University	1:12 - 1:24 PM	New Jersey Institute of Technology	10:10 - 10:20 AM
Rutgers, The State University of New Jersey	10:30 - 10:45 PM	Stony Brook University	1:24 - 1:36 PM		
Fairleigh Dickinson University	10:45 - 11:00 PM	City College of New York, CUNY	1:36 - 1:48 PM		
The College of New Jersey	11:00 - 11:15 PM	The College of New Jersey	1:48 - 2:00 PM		
Rowan University	11:15 - 11:30 PM	Cooper Union	2:00 - 2:12 PM		
New Jersey Institute of Technology	11:30 - 11:45 PM	Fairleigh Dickinson University	2:12 - 2:24 PM		
Stony Brook University	11:45 - 12:00 PM	Manhattan College	2:24 - 2:36 PM		
		Nassau Community College	2:36 - 2:48 PM		
		New York City College of Technology	2:48 - 3:00 PM		
		New York University Tandon	3:00 - 3:12 PM		
		Rutgers, The State University of New Jersey	3:12 - 3:24 PM		
		Stevens Institute of Technology	3:24 - 3:36 PM		
		Columbia University	3:36 - 3:48 PM		
		Farmingdale State College	3:48 - 4:00 PM		

Mailer 2 - Student Registration and Symposium Information



Competition Resources Table and Rules Links

Student Chapter Resources Needed for Society Competitions and Events

Please visit the [ASCE Society-wide Competition Rules & Regulations page](#) to view the [“Student Chapter Resources Needed for Society Competitions and Events” table](#). This resource table outlines student chapter resources and time needed to compete in each of the Society-wide competitions, pilot competitions, and events. (Note that this is guidance and estimates. Student chapters should use their judgment and take their specific circumstances into account when planning and preparing for competitions.)

Society-wide competition rules can be found at:

<https://www.asce.org/communities/student-members/conferences/rules>.

The Society-wide and Society pilot competitions being hosted at the 2024 ASCE Metropolitan Student Symposium are:

- [Concrete Canoe Competition](#)
 - [Steel Bridge Competition](#)
 - [Surveying Competition](#)
 - [Construction Institute Competition](#)
 - [3D Printing Competition](#)
 - Student Symposium Paper Competition (*Participation is a requirement for advancement to Society-wide competition finals and SSBC National Finals.*)
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3D Printing Competition Information

Stony Brook University is excited to host the 3D Printing Competition and would like to invite all schools to compete!

Why compete in the 3D Printing Competition?

Three-dimensional printing (3DP) is an emerging construction technology. 3DP operates by adding sequential layers of material to create a three-dimensional object, which saves labor cost, minimizes material waste, and optimizes building time. The goal of the 3D Bridge Printing Competition is to promote the application of 3D printing technology in the field of civil engineering.

What’s the project this year?

The goal is to design an aesthetically-pleasing, strong, and stiff bridge that will take the least amount of assembly time and meets the geometric requirements. Students must pay attention not only to the design, but also the details of the print, which play a significant role in the shape, tolerances, and strength of the bridge.

The 3D Printing Competition Rules can be found here: <https://www.asce.org/-/media/asce-images-and-files/communities/students-and-younger-members/documents/2024-asce-3d-printing-competition-rules-revised-0923.pdf>

Intent & Eligibility Acknowledgement Form can be found on page 12 of the rules and uploaded to the link provided in the rules.

Mailer 2 - Student Registration and Symposium Information



ASCE Competition Eligibility Requirements

Competitions that advance to an ASCE Society-wide Competitions Finals include: ASCE Concrete Canoe Competition, ASCE Sustainable Solutions Competition, and ASCE UESI Surveying Competition. The AISC/ASCE Student Steel Bridge Competition advances to the SSBC National Finals and follows the eligibility requirements below. See [SSBC Rules](#) for more information.

Invitations to Student Symposia and ASCE Student Civil Engineering Championships/Society-wide Competition Finals are a privilege, not a right. Failure to act professionally can result in letters of reprimand, mandatory behavior management plans, and loss of invitations to further competition for individual institutions and/or entire conferences. Please note that the requirements for eligibility for Society-wide competition finals are more stringent than the requirements for participation at the student symposia competitions.

Eligibility for Student Symposium Competition

The following qualifications are required of all ASCE Student Chapters to compete at the Student Symposia Competitions:

An ASCE Student Chapter must:

1. Be in good standing with ASCE:
 - a. Have paid their annual dues, as received by ASCE, **no later than the start of their Student Symposium.**
 - b. Have submitted their student chapter's full Annual Report or EZ Annual Reporting Form **no later than February 1, 11:59 p.m. EST.**

Eligibility for ASCE Society-wide Competition Finals

The following qualifications are required of all ASCE Student Chapters in order to advance to the ASCE Society-wide Competition Finals:

An ASCE Student Chapter must:

1. Be in good standing with ASCE:
 - a. Have paid their annual dues, as received by ASCE, **no later than February 1, 11:59 p.m. EST.**
 - b. Have submitted their student chapter's **full Annual Report, no later than February 1, 11:59 p.m. EST and have received a minimum score of 25 points out of a possible 100. Student Chapters that submit an EZ annual reporting form do not qualify** to advance on to competition finals; and
2. Attend and participate in their assigned Student Symposium as shown through their school's:
 - a. On-time attendance and active participation by a member of the ASCE Student Chapter at the Student Symposium Business Meeting.
 - b. Participation in the Student Symposium Paper Competition, including submission and presentation by a member of the ASCE Student Chapter. Note that any papers/presentations created for any other competition do not count as an entry into the Student Symposium Paper Competition.

Questions regarding eligibility should be directed to student@asce.org.

Mailer 2 - Student Registration and Symposium Information



Student Symposium Paper Competition ([Eligibility Requirement](#))

This is a mandatory paper submission and presentation for any student chapter participating in the 2024 ASCE Metropolitan Student Symposium that wishes to be eligible to advance to ASCE Society-wide competition finals and SSBC National Finals. Competitions **requiring** this include: **ASCE Concrete Canoe Competition, ASCE Sustainable Solutions Competition, ASCE UESI Surveying Competition, and AISC/ASCE Student Steel Bridge Competition.**

The ASCE Student Symposium Paper Competition emphasizes the importance of being able to write and present a paper as essential communication skills for all engineers and often necessary for advancement in your career.

Participation in the Student Symposium Paper Competition, including submission and presentation by a member of the of the ASCE Student Chapter, is a requirement to be eligible to advance to an ASCE Society-wide competition finals and SSBC National Finals.

Note that any papers/presentations created for any other competition do not count as an entry into the Student Symposium Paper Competition.

The topic for the ASCE Metropolitan Student Symposium Paper Competition is the Daniel W. Mead Prize for Students Topic:

Per ASCE's Code of Ethics, engineers govern their professional careers on the following fundamental principles:

- create safe, resilient, and sustainable infrastructure;
- treat all persons with respect, dignity, and fairness in a manner that fosters equitable participation without regard to personal identity;
- consider the current and anticipated needs of society; and
- utilize their knowledge and skills to enhance the quality of life for humanity.

Civil engineers are responsible for planning, designing, constructing, maintaining, and operating infrastructure while protecting and advancing the health, safety, and welfare of the public. Technology, particularly the use of Artificial Intelligence (AI), has the potential to change engineering in the future and design the built environment for generations. Ethical responsibilities of an engineer may or may not align with the use of AI on engineering projects.

Discuss how engineers need to evaluate their ethical responsibilities as they determine whether or how to use AI to aid in their work.

Submission deadline is: February 28th, 2024

Submission email/link is: sbucivilsociety+symposium@gmail.com

This topic is the same topic as the [Daniel W. Mead Prize for Students](#). However, the Student Symposium Paper Competition and the Daniel W. Mead Prize for Students are two separate competitions and **must be submitted separately**. The Student Symposium Paper Competition paper is due **February 28th, 2024** and submitted to **sbucivilsociety+symposium@gmail.com**. The Daniel W. Mead Prize for Students is due March 1st and submitted to student@asce.org.

Mailer 2 - Student Registration and Symposium Information



Business Meeting ([*Eligibility Requirement*](#))

The Business Meeting is tentatively scheduled to take place on Saturday, April 13th, 2024 at 9 am. Keep an eye out for the draft business meeting agenda that will be distributed to student chapters for review before the symposium.

Note that the business meeting is officially the business meeting for the Student Conference Board of Delegates. The Board of Delegates consists of two student delegates (preferably a senior or junior in an ASCE leadership position and a sophomore in or aspiring to an ASCE leadership position) and the faculty advisor from each student chapter. Each student delegate must be a member in good standing with their student chapter and the Society. Each student chapter in the Student Conference has one vote. At least one member of your ASCE student chapter must participate. ([See eligibility requirements.](#))

Mailer 2 - Student Registration and Symposium Information



ASCE Pop-Up Leadership Workshops

A graphic for the ASCE Pop-Up Leadership Shop. The background is dark blue with several orange triangles of varying sizes and orientations. The text "ASCE Pop-Up Leadership Shop" is written in a large, white, sans-serif font. The "U" in "Pop-Up" is orange and has a small orange triangle above it. Below the main text, there is an orange horizontal bar containing the text "Coming to Your Regional Symposium" on the left and "SPRING 2024" on the right, both in a dark blue, sans-serif font.

ASCE Pop-Up Leadership Shop

Coming to Your Regional Symposium **SPRING 2024**

Don't miss the opportunity to learn about professional skills you can use now and after graduation to help you get ahead. Pop-Up Leadership Workshops, presented by the Committee on Student Members and other Region leaders, will be held throughout the Symposia. **Topics include the power of emotional intelligence, professional ethics and conduct, and the pathway to getting the FE/PE.** More details will follow in Mailer 3!

Mailer 2 - Student Registration and Symposium Information



Hotel Information

At this time, no block booking options will be provided for student chapters. However, there are a number of accommodations near Stony Brook University campus. A non-exhaustive list is provided here. Please note, all distances are in relation to the Student Activities Center on campus (main venue):

- Hilton Garden Inn Stony Brook (0.4 miles walking; 1.2 miles driving)
- Estate at Three Village Inn (3.7 miles driving)
- Holiday Inn Express Stony Brook-Long Island, an IHG Hotel (4.3 miles driving)
- Americas Best Value Inn Smithtown Long Island (7.4 miles driving)
- Courtyard by Marriott Long Island MacArthur Airport (8.4 miles driving)
- Homewood Suites by Hilton Ronkonkoma (8.5 miles driving)